

WHAT IS CLAIMED IS:

1. A developing apparatus comprising:

a developer carrying member for carrying a
developer to develop an electrostatic latent image
formed on and image bearing member, said developer
carrying member having an elastic property;

scraping/supplying member, contacted into
said developer carrying member, for supplying the
developer to said developer carrying member and for
scraping the developer off said developer carrying
member, said scraping/supplying member having an
elastic property.

wherein said developer carrying member has a
hardness which is higher than that of said
scraping/supplying member, and wherein said developer
carrying member and said scraping/supplying member
satisfy that in a state in which said
scraping/supplying member is out of contact with said
developer carrying member, a radius of curvature of
said scraping/supplying member is larger than a radius
of curvature of said developer carrying member at a
position of contact between said scraping/supplying
member and said developer carrying member.

2. A developing apparatus according to Claim 1,
wherein the radius of curvature of said developer
carrying member is 4-10 mm at the position of the

contact in the state in which said scraping/supplying member is out of contact with said developer carrying member.

5 3. A developing apparatus according to Claim 1,
wherein the radius of curvature of said
scraping/supplying member is 4-10 mm at the position
of the contact in the state in which said
scraping/supplying member is out of contact with said
10 developer carrying member.

4. A developing apparatus according to Claim 2,
wherein the radius of curvature of said
scraping/supplying member is 4-10 mm at the position
15 of the contact in the state in which said
scraping/supplying member is out of contact with said
developer carrying member.

5. An apparatus according to Claim 1, wherein said
20 developer carrying member has an Asker C hardness of
30-70 degrees.

6. An apparatus according to Claim 1, wherein said
scraping/supplying member has an Asker C hardness of
25 30-90 degrees.

7. An apparatus according to Claim 5, wherein said

scraping/supplying member has an Asker C. hardness of 30-90 decrease.

8. An apparatus according to Claim 1, wherein said
5 scraping/supplying member is provided with a supporting shaft and an elastic foam member on a supporting shaft.

9. An apparatus according to Claim 1, wherein a
10 peripheral speed of said developer carrying member is lower than part of said scraping/supplying member.

10. An apparatus according to Claim 1, wherein a
relative peripheral speed between said developer
15 carrying member and said scraping/supplying member 50-600 mm/sec.

11. An apparatus according to Claim 10, wherein a
direction of peripheral movement of said
20 scraping/supplying member is opposite a direction of peripheral movement of said developer carrying member at the position of the contact.

12. An apparatus according to Claim 1, wherein the
25 developer is non-magnetic one-component developer.

13. An apparatus according to Claim 1, wherein the

developer has a weight average particle size of 3-10
microns.

14. An apparatus according to Claim 1, wherein the
5 developer has a shape factor SF-1 of 100-150, and a
shape factor SF-2 of 100-140.

15. An apparatus according to Claim 1, wherein said
developer carrying member is contactable to the image
10 bearing member.

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